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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone NATIONAL PARK

FILE NO. A2823

SUPERINTENDENT'S MONTHLY REPORT

APRIL 1957

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

FICE OF THE SUPERINTENDENT

Summary of the April 1957 Monthly Narrative Report
YELLOWSTONE NATIONAL PARK

		Page
WEATHER:	Cool & damp. Mammoth maximum 70°, minimum 10°; park max. 70°, min. -9°. Snow courses.	1
TRAVEL:	1699 visitors. Some employee & contractor travel. West roads ready open May 1.	1
INSPECTIONS:	C. S. Investigator, John Henneberger of Olympic N P on history of ranger force, Wyoming Employment Comm. men in re employment office in park, 2 U.S.P.H.S. men from Denver.	1-2
SPECIAL ~~-VISITORS-~~	Garrison at MISSION 66 Advisory Comm. meeting at Everglades, to Wash. DC, met at Butte by Condon who talked to Rotary, both to Missoula confer Montana Univ. professors re Campfire Day pageant. Garrison underwent surgery at Livingston. Anderson attended Admin. Officers Meeting at Omaha. Dunn, Garry, Gabbert, Milligan, Beal to Reg. Training Course. Kittams instructed at Reg. Training, to Bozeman, to Gallatin Cons. Comm. meeting with Budge & Oppling. Hamilton & Edwards to S.W. Dist. Mont. Wildlife Fed. Meet, Three Forks, Mont. Edwards to Missoula re budworm & blister rust. Barrows to Teton, Ogden, & Zion where he, Brown & Chapman attended inter-regional fire control conf. Mattson to Custer BNM. Gunzel & Budge to Inter-agency meeting, St. Anthony, Idaho. Brown back from military leave. Jones to FBI conf. at Billings. Joffe to Billings re public relations & attended Community Cooperation Dinner. Stevens to firefighting agencies meeting, Missoula. Jump & Plummer to Kennewick for house trailers. Staff meetings. Coleman award for suggestion. Mammoth mess opened. Fishing regs issued. P. O. closed Sat. 13th. Clerk-steno exam. Memo on authority sign various correspondence.	2-4
MISCELLANEOUS:	NFFE & AFGE meetings.	4
DEATHS:	Mother of Howard Kocher died.	4
BIRTHS:	Son born to Ed Chamberlins.	4
PERSONNEL:	James Berens Storekeeping Clerk. Dist. Ranger Robt. Murphy transferred to Glacier. Bernard McClelland from Carlsbad to Ranger. Chuses left for Calif. Eugene Peac, Internal Rev., selected personnel officer. Wire re approval ranger reorganization.	5

IN-SERVICE TRAINING: Anderson to Admin. Officers meeting. [illegible], [illegible], Garry, Beal & Milligan to Reg. Training Course; [illegible] & Barrows helped instruct. Jones to FBI session at Billings. Brown, Barrows & Chapman to Zion Fire Control Conf. Plans for Yell. ranger training conf. Weekly News.

ACCIDENTS: McNeil employee injured in fall at new Canyon Lodge. Man injured in snowplane overturn near Thumb. Car accident Gallatin road.

PUBLICITY: Press release on openings. Great Falls Tribune & other papers had winter pictures by Roahen of Billings, formerly F&W Service. 99,975 map sheets to be received. Gunzel & Dudge illustrated talks to groups at Ashton, Idaho. [illegible] broadsides on hand.

RELIGIOUS SERVICES: Sunday School. Church. Easter Candlelight Service. Church Comm. meeting. Memorials, incl. [illegible].

INTERPRETIVE SERVICES: Condon talks to various groups. Announcement boards for programs. Movie loaned. New Mammoth [illegible].

MUSEUMS: Work done to nature trail signs. Indian artifacts accessioned. Rocks to Yosemite for [illegible] exhibit.

OBSERVATION: Bluebird suffered electrical shock; died. Changes Mammoth Terraces. Osprey couple back to Eagle Nest Rock. Geyser activity. Bear near Gem Pool in & out of hibernation periodically. Canada geese. Grizzly family, various birds, 2 coyotes, several buffalo observed same area near Trout Creek. Elk at Mammoth have antlers over foot long; some at Upper Geyser Basin have not shed old antlers.

NATURAL HISTORY ASSOCIATION: Mrs. Quist, Clerk, on job much of month.

CONCESSIONERS: McNeil Co. resumed work on lodge at Canyon. [illegible]. Child, YPCo. Vice-Pres., official trips to Salt Lake, Sun Valley & Yosemite. YPCo. mess opened at Mammoth. Haynes moved in. Y.P.Co. folders received. Amendments to Y. P. Service Stations rates. Hamilton Stores officials & crew in.

MAINTENANCE: Plowing Old Faithful to West road difficult due Bombardier travel; broken thru 16th; also chewed up by Bombardier over dry spots. Plowing progressing on schedule; equipment and locations listed. Maintenance crews Mammoth & Canyon. Remodeling Barracks Bldg. into Admin. Bldg. 3-compartment sinks Canyon & Lake messes in conformance USPHS. Major water supplies activated during month.

RANGER SERVICE:	Principal activities listed.	10
LAW ENFORCEMENT:	3 cases presented for truck weight over 15 tons.	10
BEARS:	Number of grizzlies observed.	10
BISON:	Seen various areas; first calves seen 27th. Stevens Creek buffalo bull thru Mammoth to Lava Creek. Soda Butte bulls scattering.	11
ELK:	Various herds. Movements upward. Condition not too good. Gallatin Cons. Comm. meeting; discussion re Gallatin elk hunting. Mont. Wildlife Fed. meeting; group interested in elk program, assured continued support.	11
MOOSE:	Observations various areas, incl. calves, 1 killed by car.	11
SAND HILL CRANES:	Number observed.	11
BIGHORN SHEEP:	Sheep seen various areas.	11
TRUMPETER SWAN:	Two on Lakes near Junction Butte permit close observation.	11
FISH:	Mont. State College to study why cutthroat only trout in many of high elevation streams.	12
RANGE:	Range condition observations by Biologist.	12
FOREST FIRE PROTECTION:	Authority fill fire control aid positions received April 2; hoped finish filling vacancies before start season. Clearance to enter contract with Western Air for hangar at W. Yell. Brown, Chapman, Barrows to Fire Conf. at Zion. Stevens to Missoula meeting with USFS etc. re firefighter wages, etc. Small fire Mammoth dump. Rural Fire Defense inventories received; to be consolidated. When Barrows in Omaha, it was agreed to redesign Yell. Divide lookout plans; prospective bidders. Barrows conferred with USFS at Ogden.	12-13
BLISTER RUST:	Camp Supt. in. Employment offers. 2 house trailers obtained. Advice from Reg. extra $4,575 available.	13
FOREST INSECTS:	Bole samples for spruce budworm larvae. Supt. approved budworm control; phone contacts to USFS. Edwards to Missoula assist with info for spray bids.	13
RANCH:	Survey re moving horses & mules from park.	13

CONSTRUCTION: McNeil Co. resumed work YPCo. constr. Canyon Lodge, etc. New Mammoth campfire circle being built. Thermal walks ready to place. 11

UTILITIES: Generator for Canyon powerhouse being installed by contractor. Mtn. States Tel. & Tel. man getting organized install telephone system, awaiting approval FCC. Wyo. intra-state rates eff. on calls to Wyoming. 11

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ICE OF THE SUPERINTENDENT

[illegible]

[illegible]

May [illegible], 1957

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for April 1957.

Following is the report of activities for Yellowstone National Park during the month of April 1957:

General

Weather Conditions. April was cool and [illegible] with precipitation in the form of snow or rain [illegible] on 19 of the [illegible] days. The total precipitation for the month was 1.[illegible] inches. The maximum temperature recorded at Mammoth was 70 degrees on the 29th; the minimum temperature recorded was 14 degrees on the 11th.

The maximum temperature for the park during April was 70 degrees at Mammoth and Tower Fall on April 29. The park minimum was [illegible] degrees at Yellowstone Lake on the 7th.

Snow course measurements for the end of the month are as follows: East Entrance 2[illegible].3", Sylvan Pass [illegible]", Lake 27.7", Lewis River 112.0", Canyon 19.5", Norris [illegible]", Northeast Entrance [illegible]", and Lupine Creek 26.4".

Increase or Decrease in Travel. A total of [illegible] vehicles entered the park during the month carrying 1,[illegible] visitors. The total for the year to date is 4,3[illegible] visitors. There were [illegible] skiers who entered the East Entrance but no over-snow equipment entered either the North or West Entrance.

Employee travel between Mammoth and Canyon has been [illegible] due to construction work at the Canyon Village and on the [illegible] construction and other official travel was [illegible] to West Yellowstone. At the end of the month the roads on the west side of the park were [illegible] to be opened to public travel.

Inspections. Kenneth [illegible]. [illegible], Civil Service Commission Investigator, Billings, Montana stopped in the Chief Park [illegible] Office on the 10th to check records of several government employees.

John [illegible], District Park Ranger, [illegible], arrived April 4 on his return from the Departmental [illegible] Course in the Washington Office, to obtain material for a lecture to the protection force of the National Park Service. He [illegible] the 6th.

Chester A. Sorensen, Executive Director, Employment Security Commission of Wyoming, Casper, and [illegible], Manager, [illegible] Employment Service, Cody, were in the park April 19 to discuss reestablishment of a Wyoming Employment Service office [illegible] at Canyon for the summer.

R. S. Welch, Senior Assistant Sanitary Engineer, and [illegible] Novick, Assistant Sanitary Engineer, U. S. Public Health Service, Denver, Colorado, arrived April 24 to discuss various sanitation problems, departing the same day.

Special Visitors. Don [illegible], writer for [illegible], and Mrs. Wharton, of New York City, arrived April 25 to [illegible] for an article Mr. Wharton is preparing on [illegible] magazine. They departed the 27th.

David Abel, youthful concert violinist from San Francisco, arrived April 29 to view the park [illegible]. He [illegible] concerts in Billings, Montana, the previous [illegible] with the Billings Symphony Orchestra. He expects to leave May [illegible].

Special Activities. [illegible] left Yellowstone National Park April 8 and attended a meeting April [illegible] of the [illegible] advisory committee, of which he is chairman. [illegible] he arrived at Washington, D. C. where he conferred with members of Congress from the neighboring States and with Washington Office personnel. He left there by plane the 16th for [illegible], Montana, where he was met by Park Naturalist Condon who had presented a program to the [illegible] Club. They continued to Missoula to confer with [illegible] and [illegible] McGinnis at Montana [illegible] on [illegible] Campfire [illegible] pageant to be [illegible] during the [illegible] Conference the following week. Mr. [illegible] went to the Livingston Memorial Hospital April [illegible] and underwent an operation for hernia the following day. He returned home [illegible] for a convalescing period.

Administrative Officer [illegible] attended the [illegible] Administrative Officers meeting [illegible] April 1-[illegible], returning to the park April 6.

Sanitation Officer [illegible], [illegible], [illegible] Accounting Assistant Gabbert, [illegible] and [illegible] Naturalist Beal attended the [illegible] General Administrative Training Course April 1-12 in the Region Two Office. They returned the 14th.

Biologist Kittams left April 2 for Omaha to serve as instructor at the General Administration Training Course, returning the 7th. He made a trip April 9 and 10 to Montana State College at Bozeman in connection with range study. On the 12th he conferred at Bozeman on the Gallatin elk situation. He and District Ranger Judge and Supervisory Ranger Appling from West Yellowstone represented the park at the Upper Gallatin Conservation Committee meeting April [illegible] at the [illegible] Ranch in the Gallatin area in the northwest corner of the park.

Assistant Superintendent Hamilton and Assistant Chief Ranger Edwards attended a meeting at Three Forks, Montana, of the Southwest District, Montana Wildlife Federation on April 7. Mr. Hamilton made a trip April 23-26 to Missoula, Montana, to confer with U. S. Forest Service officials on spruce budworm and blister rust control matters.

Forester Barrows was away April 7 to 12 serving as instructor at the General Administration Training Course at Omaha. He departed April 17 for Grand Teton National Park, thence to Ogden, Utah, where he met with U. S. Forest Service officials. He, with Chief Ranger Brown and Assistant Chief Ranger [illegible], who left the park the [illegible], attended the joint Region Two, Three and Four Inter-Regional Fire Control Training Conference April 22-26 at Zion National Park, Utah, returning the 28th.

Park Landscape Architect [illegible] made trips to [illegible] National Monument April 4 to 6 and April 24 and 25 on matters affecting that area.

District Rangers [illegible] and Judge from West Yellowstone District attended an Inter-Agency Meeting, Idaho Department of Fish and Game, St. Anthony, Idaho, on April 4.

Chief Ranger Brown returned April 7 from military leave at the Cold Weather Training Command at Fort Carson, Colorado, in connection with his rank as Major with the U. S. Army Reserve, having been away since March 22.

District Ranger Jones attended a Federal Bureau of Investigation [illegible] Conference at Billings April 9.

Management Assistant [illegible] made a trip to Billings April 24 and 25 on public relations matters and attended the 20th annual Community Cooperation Dinner sponsored by the Billings Chamber of Commerce for representatives from communities in Montana and Wyoming.

The annual meeting of cooperating fire-fighting agencies was held April 25 at Missoula to discuss and agree on fire-fighter wage rates for 1957 and other matters on fire prevention and cooperation. Fire Dispatcher Stevens attended from Yellowstone.

Truck Drivers Jump and [illegible] left April [illegible] for [illegible], Washington, to obtain surplus trailers from the Bureau of Reclamation and return them to the park. They expect to arrive about [illegible].

Staff meetings of division [illegible] personnel were held April 4 and 1[illegible] in the conference room.

Equipment Supervisor Robinson [illegible] Taber as a Field Correspondent [illegible] of the National Park Service. In addition [illegible] the newspaper published by the [illegible] Mr. Robinson will also handle [illegible] the Yellowstone staff.

Lee L. Coleman, District Park Ranger, was [illegible] awarded by the Region Two Incentive [illegible] of a new form for the handling of lost and found personal property. Presentation was made by Superintendent [illegible] of April 1[illegible] at which division heads and a number of other persons were present.

The Government mess [illegible] April [illegible].

The April 20 issue [illegible] in the fishing regulations for Yellowstone [illegible] for 1957 were issued on April [illegible] copies [illegible]. They are practically the same as those in effect in 1956 except that Obsidian Creek has been closed to fishing this year, [illegible] visitors a better opportunity [illegible].

The Yellowstone Park Post Office was closed [illegible] upon instruction from the Postmaster General, as [illegible] throughout the country, due to a shortage of funds. [illegible] from Monday through Friday were reduced [illegible] a.m. to [illegible] p.m. [illegible] schedule has remained in effect.

The Local Civil Service Board held an examination [illegible] Clerk-Stenographer. There were [illegible] Everett conducted the examination.

A memorandum was issued April 17 [illegible] division heads and staff members on delegation of authority for the preparation and signing of correspondence by the various division heads and other officials and instructions on the dispatching of mail.

Miscellaneous. The regular monthly meeting [illegible] Federation of Federal Employees was held in the [illegible] April 1.

The American Federation of Government Employees [illegible] regular monthly meeting on April [illegible].

Deaths. Mrs. Frances Kocher, mother of [illegible] Howard [illegible]. Kocher, passed away April [illegible] at her home at Lancaster, [illegible], at the age of 73. Mr. Kocher left immediately to attend funeral services at Lancaster and burial at [illegible], Wis.

Births. A son, Edwin Lee, was born April 17 to Mr. and Mrs. Edwin L. Chamberlin at the Memorial Hospital in Livingston. Mr. Chamberlin is a Fiscal Accounting Clerk with the [illegible].

Administration

Personnel. James J. [illegible] received a temporary appointment (not to exceed December 31, 1957) to the permanent position of Storekeeping Clerk, GS-3, in the Garage, effective April 1.

Robert J. Murphy, Supervisory Park Ranger (District Park Ranger), GS-7, departed April 2 with Mrs. Murphy for Glacier National Park on promotion and change of headquarters to Supervisory Park Ranger (District Park Ranger), GS-8, at that area effective April [illegible].

Bernard Riley [illegible] arrived April [illegible], with [illegible], on promotion and change of headquarters effective April [illegible] from [illegible] Leader, GS-[illegible], Carlsbad Caverns National Park, to [illegible], GS-[illegible], Yellowstone.

Edmund H. Rouse, who resigned as Procurement Officer, GS-[illegible] at the close of February 28 upon his doctor's advice, left with his family April 10 for Alhambra, California. [illegible] has received employment with Montgomery Ward and Company at [illegible].

Eugene [illegible], Personnel Officer, GS-9, with the [illegible] District of the Internal Revenue Service, has been selected for promotion and change of headquarters to the position of Personnel Officer, GS-11. He expects to arrive in the park May 13.

Telegraphic advice was received April [illegible] from the Washington office of the approval of ranger reclassification.

In-Service Training. Administrative Officer [illegible] attended the Region Two Administrative Officers Meeting in Omaha April 1 [illegible]. Tom Hyde, Ellis Gabbert, Tom Garry, [illegible] attended the Seventeenth General Administrative Training Course [illegible] office April 1 to 12. Messrs. Gabbert and Garry participated in portions of the course as instructors.

District Ranger Jones attended the Federal Bureau of Investigation sponsored training session [illegible] on the 9th.

Chief Ranger Brown, [illegible] Ranger Chapman attended the [illegible] Regional [illegible] Conference at Zion National Park April 22-[illegible].

Plans have been completed for the Yellowstone Park Ranger Training Conference to be held May 13-25. Special emphasis this year will be on Protection of Forest and Buildings Against Fire.

On each Thursday, Yellowstone's Weekly News was issued to keep employees, concessioners and others currently informed of park happenings.

Accidents and Public Safety. Walter C. [illegible], [illegible] employee from Colorado Springs, Colorado, was injured [illegible] 30 feet on the basement stairs at the Canyon Lodge, April 1. [illegible] sustained a broken leg and possible back injuries. First aid was administered by Park Ranger [illegible] and [illegible] was [illegible] to Livingston.

[illegible] Tyrell, [illegible], [illegible], Wyoming, sustained chest injuries [illegible] line [illegible] on the 23rd. He was [illegible] a [illegible]- [illegible] and lost control of it when it hit a small snow drift.

Dorothy C. [illegible] of [illegible] Falls, [illegible], [illegible] a [illegible] motor vehicle accident [illegible] miles [illegible] on the [illegible] highway. There were no injuries reported.

Cooperative Activities

General Publicity. A press release [illegible] newspapers April 22 on the opening of the road [illegible], the scheduled opening of the road [illegible] 1, and expected opening dates for other roads.

The Sunday April 1[illegible] issue of the [illegible] contained a double-page spread of striking winter pictures of Yellowstone [illegible] by Kenneth [illegible], Billings [illegible], and [illegible] Wildlife Service official. The Billings [illegible] have also used some of Mr. [illegible] pictures.

Notice was received April [illegible] from the [illegible] that 99,975 separate Yellowstone map sheets for 19[illegible] were [illegible] and are expected to be received in early May.

District Park Rangers [illegible] and [illegible] talk to the Methodist church group at [illegible], [illegible], [illegible] the Eastern Star group at [illegible].

A total of 16,[illegible] [illegible] on hand at the close of April.

Religious Services and Chapel Use. The Yellowstone National Park Chapel was used for the regular Sunday School [illegible] of the month except Easter Sunday, April 21. The regular [illegible] church services were held in the chapel each Sunday at 11:15 a.m. with the exception of Easter Sunday when a special [illegible] service was held at 6:00 a.m. There was a [illegible] attendance [illegible] service and the weather was ideal.

The Yellowstone Park Superintendent's [illegible] Committee held a meeting on April 22, at which time they discussed the problem of [illegible] the drapes and rugs cleaned and moth-proofed. They also [illegible] installation and selection of memorials to be placed in the chapel and especially a chapel [illegible] which is to be obtained as a memorial.

by Dr. [illegible] who was Superintendent [illegible] Service [illegible] Cultural Station at Yellowstone [illegible]. The summer's religious program for all denominations was [illegible].

Interpretive Services. [illegible] Naturalist [illegible] held during the month as follows: April 11 - [illegible] persons present; April 19 - [illegible] Hall [illegible], [illegible] present; and April 19 - [illegible] Hall, 1[illegible] present.

Arrangements were made for the manufacturing of [illegible] boards for use in publicizing the interpretive program at [illegible] field stations.

The "Wild Animal Heaven" movie was on loan from [illegible] of Des Moines Still College, Des Moines, Iowa during the month. This movie was used for several showings.

Considerable progress has been made during the month on the development of the new amphitheater at Mammoth, including the parking area and approaches to it.

Museum Activities and Exhibits. Park Naturalist [illegible] spent considerable time during the month refurbishing the self-guiding [illegible] trail labels and label holders. These are now in good condition for use during the 1957 season. Park Naturalist [illegible] spent considerable time during the month accessioning and cataloging a number of [illegible], historical, and geological items. There were 11[illegible] items catalogued and 24 separate accessions made. [illegible] rock specimens were sent to [illegible] National Park for possible use in the preparation [illegible] rocks of National Parks.

Research and Observation. On April [illegible], [illegible], a [illegible] boy in the community, brought to the museum a [illegible] that had apparently suffered a severe electrical shock. The [illegible] wings and part of its tail [illegible] of the feathers on the body were badly singed. It was found near a power pole where high tension lines were present. It was kept alive for [illegible] days but the effect of the burns and captivity were such that it [illegible].

The Mammoth Hot Springs [illegible] were [illegible] during the month and the changes which have occurred and are now occurring there are of unusual interest. There has been a pronounced change and shift in the activity on [illegible] Terrace with a heavy flow of water on the ground adjacent to the terraces flooding [illegible] large areas and forming beautiful pools. The borders of some of these pools are fracturing and slumping into them and there are cracks 3 feet or more wide in many places. The activity at Highland Spring continues to be spectacular and a large volume of water is flowing [illegible] from the large fissure and in several other places. At four or more places, a number of trees have been and are being killed by the suffocating effect of the hot water. On April [illegible] a new spring was observed [illegible] being on the Highland Terrace area and on April 7 a considerable

deposition of travertine and development of algal [illegible] the spring. A return to that area on April 13 [illegible] deposition and an abundant growth of algae in the hot water. [illegible] 6, western bluebirds, western robins, red-shafted flickers, [illegible] and white-crowned sparrows were observed on the [illegible] area. In addition to these, there were four different [illegible] bloom.

The osprey family returned to their nest [illegible] in the Gardiner Canyon early [illegible] April 1[illegible], [illegible] they returned last year. The previous year they returned [illegible], the year prior to that on April 10 and the next previous [illegible] April 1[illegible].

In the Lower Geyser Basin thermal area [illegible] Spring, Fountain and Clepsydra [illegible] had been [illegible] winter and are still in an [illegible] phase.

A large number of bear tracks were observed in the vicinity of Midway Geyser Basin and the thermal features in [illegible] be acting normally but there is a great deal of cleanup [illegible] be done with respect to that vicinity including [illegible] algal growth and numerous amounts of rubbish which should [illegible]. There was evidence at the bear hibernating den [illegible] bear has periodically been going in and out of that den. [illegible] Geyser has not erupted at all during the winter months. There is a great deal of evidence that one of the features in the [illegible] has been erupting violently during the winter months [illegible] apparently still doing so. It was reported later in [illegible] was observed in action and actually flooded the [illegible] parking area.

Ear Spring on Geyser Hill has erupted [illegible] considerable debris had been thrown out of the vent. [illegible] Geyser has apparently erupted [illegible] the last [illegible] around the Beehive indicates that it is still in an active [illegible] erupted with some regularity. [illegible] group [illegible] Fountain Geyser has been [illegible].

On April 20 Chief [illegible] observed [illegible] with orange neckbands on the [illegible] River about two miles [illegible] Seven-Mile Bridge.

On April 29 a field [illegible] Lake-Fishing Bridge area revealed [illegible] very interesting [illegible]. Observations were made in the [illegible] area along the Yellowstone River about 3/4 mile north of Trout Creek. While stopped [illegible] a rather interesting [illegible] of wildlife [illegible] observed. A female grizzly with three 2-year old [illegible] about 15 minutes in the hot spot area feeding on the [illegible] for pocket gophers. The whole bear family went up on the [illegible] drifts and played around for some time. [illegible] came along the river and out on the green meadow area [illegible]. [illegible] flew in and [illegible].

carried on. Several Harlequin [illegible] went on and Buffle-head Ducks came [illegible] below the [illegible]. Three pairs of Mallards were on the opposite [illegible] large flock of Hepburn's Finches fed in the [illegible]. Two coyotes came along the opposite [illegible] the [illegible] considerable interest on the part of the grizzly bear [illegible]. [illegible] to these animals there were several bull buffalo in [illegible] the opposite side of the river. This is somewhat typical of [illegible] wildlife in the zones where the ground was free [illegible] was starting to come for the animals [illegible].

The several large bull elk who have been [illegible] the vicinity of Mammoth have new antlers in the velvet [illegible] a foot long. There are still several bull elk in the [illegible] Basin which have not yet shed their antlers.

Natural History Association. Mrs. [illegible] to the association as clerk [illegible] April.

Operations

Concessioners. The [illegible] Construction Company, [illegible] by the Yellowstone Park Company on construction of [illegible], [illegible], office building and dormitories in the new [illegible], [illegible] work April 1.

Huntley Child, Jr., Vice President, Yellowstone Park Company, left April 10 for Salt Lake City, Utah, [illegible] to Sun Valley, Idaho, to attend the Rocky Mountain [illegible] Conference April 15-17, returning the 18th. [illegible] National Park for a meeting of the [illegible] Association, expecting to return [illegible].

The Yellowstone Park Company [illegible] April 1[illegible].

Jack E. Haynes, President, Haynes Inc., moved [illegible] from his winter headquarters at Bozeman, Montana, [illegible] the photographic shops in the park [illegible].

The Yellowstone Park Company [illegible] leaflets for 1957 were received April 1[illegible]. The [illegible] giving information on the tours of the park [illegible] their [illegible] folders, with information for motorists, [illegible].

On April 17, Superintendent Garrison approved [illegible] to the Yellowstone Park Service Stations [illegible], increasing the price of regular gasoline to 37.[illegible]¢, [illegible] 10.2¢, car washing to $2, grease job to $1.[illegible], [illegible] oil change where customer furnishes his own oil, to $1, [illegible] when the service station at [illegible] opens.

The snow-plowing operation is progressing on schedule. There are six rotary snow plows, a bulldozer, a large V-plow and [illegible] graders plowing snow. The [illegible] [illegible] [illegible] for the [illegible] plowing inside Yellowstone Park in the vicinity of South Entrance. At the present time men are [illegible] with a total of two rotaries, in the Lewis Lake area with two rotaries and at the [illegible] - Old Faithful section with two rotaries.

It was necessary to put on small road maintenance crews at Mammoth and Canyon and to run a grader for [illegible] every day on the Canyon cut-off because of the contractors' operations.

The remodeling of the [illegible] building into an Administration Building is progressing according to plan and should be finished sometime after June 1. There have been some delays due to inability to get immediate delivery of materials. The [illegible] floor work is complete; all carpentry work [illegible]; the floor tile is complete on the second floor and the painters are almost completed on this floor; and work on the partitions has been started on the first floor. Plumbing is about [illegible] complete and electrical work is about 75% complete for the building.

New three-compartment stainless steel sinks have been installed in Canyon and Lake government messhouses in accordance with the Public Health Service's recommendations.

All major park water supplies were chlorinated during the month, including two systems at Canyon (the new system and the Upper Cascade Creek system), Lake, West Thumb and both systems at Old Faithful.

Trevor Povah, Vice President, Hamilton Stores, Inc., [illegible] April 24 and Mar Kelppie, [illegible], [illegible] April 27 from their winter headquarters at Santa Monica, California, and continued to Old Faithful to get operations under way for the summer.

Maintenance. The snow plowing on the [illegible] West Entrance road was extremely difficult this spring because of the heavy traffic by over-snow vehicles during past winter. It was found that it was impossible to get the auger boxes down in many of [illegible], leaving large chunks of ice section, which could not be removed. However, by using a combination of the V-plow and [illegible] and discs, it was possible to get the West Entrance [illegible] April 17, open to contractors' travel by April 24, and open to the public on May 1. The bituminous surface on this section [illegible] up in various spots as the result of running the [illegible] (over-snow vehicles) over the [illegible]. Damage was extensive.

Protection and Ranger Service. Protection [illegible] included planning for Park Service participation in Operation Alert 1957, Civil Defense and disaster plans, summer operations and re-organization of the Protection Division, and the ranger conference to be held May 13-23, attendance at meetings and training sessions, opening field stations and making preparations for summer operations, distribution of supplies to ranger stations, boundary and interior patrols, measurements of snow courses, recording of stream flow, trapping of [illegible] bears, accident investigation, wildlife observations including the counting of elk winter kill, assisting [illegible] Horton [illegible] material on ranger activities for a [illegible], protection coverage for Canyon, Lake and Old Faithful [illegible] construction activities [illegible], [illegible] employees [illegible] Entrance, checking of fire equipment, lining up seasonal [illegible], fire control and blister rust control; ranger manual revisions, preparing stocks of [illegible] materials [illegible] stations, and traffic patrols.

Law Enforcement. Three cases were presented before the United States Commissioner on April [illegible].

Wildlife and Fish Cultural Activities. Bears. Two grizzly bears were observed at Old Faithful during the week of the 21st, one with two cubs. Two grizzly bears were observed [illegible] on the 21st. A grizzly with two cubs were observed [illegible] on the 25th. As many as five grizzlies have been observed at one time on the Gardiner dump and three bears were seen on the lower [illegible].

BISON. Thirty-three were observed near [illegible] on the 24th. Several calves were observed with this group near the end of the month. Sixty-five were observed in the [illegible] Creek area. The first calves were observed on the [illegible]. The Lamar Unit reports a total of 115 head, and 5 calves observed [illegible] the end of the month.

Investigations, from [illegible] April 21 and [illegible] April 27 [illegible]

[illegible]

[illegible]

Ice [illegible]

[illegible]

[illegible]

[illegible]

The Stevens Creek buffalo has returned [illegible] Creek.

The 11 bulls in the [illegible] Butte area are [illegible] back into higher country.

ELK. Large herds have been observed in the [illegible], [illegible] Creek, Horseshoe, and Hellroaring areas. One hundred forty-[illegible] were counted from the Gallatin road, 9 were observed in the [illegible] area, and 193 in one group were counted on the 26th near [illegible] Paint Pots. The albino cow elk near Garnet Hill was [illegible] 23rd. One hundred-fifty elk were counted east of the [illegible].

Elk in the Yellowstone drainage continued their upward movement during the month and are still in fairly good flesh. Elk in the Gallatin drainage moved upward during the month even though [illegible] forage is very scarce in the park. Nearly all elk seen in the Gallatin area are thin.

The Upper Gallatin Conservation Committee meeting on April [illegible] was attended by Rangers Charles [illegible] and [illegible] from West Yellowstone and by the Biologist. There was a serious discussion concerning the pros and cons of opening to hunting the [illegible] Areas adjacent to Yellowstone Park. Although no decision was reached, it appears that many people are in favor of opening these particular areas to hunting partly because it would permit harvest of [illegible] the elk which remain in the park in late winter.

On April 7, Assistant Superintendent Hamilton and [illegible] Chief Park Ranger Edwards attended the annual spring meeting of the South-west District of Montana Wildlife Federation at Three Forks, Montana. This group was very much interested in our report on the accomplishments and future plans for reducing the Gallatin and Northern Yellowstone Elk Herds and assured us of their continued support as long as we continued the reduction.

MOOSE. Two cows and one calf have been staying on the [illegible] side of the Snake River near the South Entrance. Several were observed on the 13th near Black Butte in the Gallatin. One of the [illegible] a calf which was struck and killed by a motor vehicle. Two calves and a bull were observed at Specimen Creek on the [illegible]. [illegible] were observed between Pebble Creek and the Northeast Entrance.

[illegible]. Two were observed in the [illegible] area on the [illegible], three were seen one mile south of [illegible] Creek, and [illegible] were seen at Elk Park, and two near Roaring Mountain on the [illegible].

[illegible]. Seven were seen near Junction Butte on the 10th, and three observed on Baronet Peak on the 9th. [illegible] were observed above Bear Creek and three near [illegible] Falls on the [illegible].

TRUMPETER SWAN. Two on the lakes near Junction Butte permit close observation for park visitors.

FISH. The Zoology Department at Montana State College is setting up a study to determine why the cutthroat is the only trout in many of the streams at high elevations in Montana. Information gained from this study should be helpful in planning preservation of native fish in Yellowstone National Park.

Range. Weather during April was unusually cool except for the last three days of the month. Precipitation of 1.14 inches at Mammoth was slightly above the normal of 1.29 inches. Snow melted slowly during April; nearly all of the Upper Range was still covered with snow and portions of the Intermediate Range in the Yellowstone drainage were also covered. However there was sufficient available forage for elk in the entire Yellowstone drainage and in the lower portions green grass was available during the last half of the month. In the Gallatin Range the critical sectors were about the only portions which were free of snow at the end of April and the forage supply was still very meager.

Most of the study plots in the Yellowstone drainage were photographed during the month. Checks on small sectors of the Lower Range indicate that the antelope heavily utilized sagebrush on their winter range and that grass over most of the Lower Range was lightly to moderately utilized.

Forest Fire Protection. Authority to fill the seasonal fire control aid positions was not received until April 2. Offers were sent to those applicants who were eligible; however, it was necessary to request Departmental authority to fill positions under [illegible] standards as there were insufficient applicants qualified under the present standards. This authority was received and it appears that all vacancies can be filled before the season begins.

Clearance was received from the [illegible] to enter into a contract with Western Air Lines for using their hangar at West Yellowstone as a parachute loft. Western Air Lines also indicated a willingness to let the Park Service rent the building again this year.

Chief Park Ranger Brown, Assistant Chief Park Ranger [illegible], and Forester Barrows attended an Inter-Regional Fire Control Training Conference at Zion National Park on April 22-26. The conference stressed Civil Defense activities and preparations, as well as [illegible] fire control subjects.

Dispatcher Stevens represented Yellowstone Park at an annual meeting sponsored by Region I of the Forest Service on April [illegible] for all interested Governmental agencies at which fire [illegible] for the coming season were discussed.

A small fire occurred at the Mammoth dump on the [illegible] when fire from the dump spread to surrounding grass. This was fire No. 1 for the 1957 season.

Rural fire defense inventories were received from various areas in Montana and will be consolidated for the State committee.

While Forester Barrows was in Omaha, Regional [illegible] Roberson agreed to redesign the Yellowstone [illegible] lookout [illegible] cab, now scheduled for 14' 3-1/2" will be 13' 3-7/8" to fit a standard tower. Prospective bidder lists for the lookout were [illegible] in Omaha and from the Forest Service office at Ogden, Utah.

Eight or ten mutual problems were discussed by Mr. [illegible], Experiment Station Director [illegible] and Chief of [illegible] of the U. S. Forest Service.

Blister Rust Control. Acting Superintendent, Blister Rust Control, John W. Reeves returned from furlough on April [illegible] to take charge of Blister Rust Control field work for the season.

Offers of employment have been sent to twenty former crew members and thirty-seven inexperienced men for the Blister Rust Control crew. It is planned to operate with a crew of fifty-[illegible] men.

Two 30-foot house trailers were obtained from Bureau of Reclamation for use by Blister Rust Control personnel.

On April 16 word was received from Region Two Office that the extra sum of approximately $1775 was being made available for Blister Rust Control at Yellowstone.

Forest Insects. Bulk samples of Douglas fir taken during the winter by personnel of U. S. Forest Service proved to contain a population of spruce budworm larvae large enough to justify control. Assistant Chief Park Ranger Edwards spent April [illegible] and [illegible] in the U. S. Forest Service office at Missoula aiding in compiling information needed to issue invitation to bid for an aerial spraying of [illegible] acres of park forests.

On April 1[illegible], Superintendent Garrison of Yellowstone approved the spruce budworm control project with the understanding that Service funds were available for biological research. [illegible], Forest Service officer in charge of insect control at Missoula, was contacted several times by phone regarding cooperative control measures at Yellowstone and Glacier.

Ranch and Corral Operations. Assistant Chief Park Ranger Edwards and Agricultural Aid [illegible] spent considerable time investigating the possibility of removing the park horse and mule herd from the Lamar Unit. This survey should be completed in the near future.

Design and Construction

Construction. [illegible] Construction Company, contractor for the Yellowstone Park Company, resumed work April 1 [illegible] in the new Canyon Village area, the status of completion of the contracts being as follows: Canyon Lodge [illegible], [illegible] building [illegible], Cabin rooms, [illegible], and Dormitories [illegible]. The [illegible] July 1, 1957.

The construction of the [illegible] "[illegible] Mound" south of the [illegible] Store, by a [illegible] crew, account 333.9, was started April [illegible] and is about [illegible] complete. This includes grading and the [illegible] of the [illegible]. Completion is pending availability of materials. It will [illegible] amphitheater across from the Chapel. [illegible] operation sometime during the summer.

The [illegible] Area [illegible] account 333.[illegible] [illegible] fabricated and treated and will be [illegible] in the [illegible], [illegible] being 70% complete.

Utilities. [illegible] for furnishing and installing a [illegible] Diesel Engine [illegible] for the Canyon power house, arrived with the Caterpillar [illegible] began installation on April 15. Contract No. [illegible] was awarded October 30, 1956, [illegible], [illegible]. The power house has the house transformer [illegible]. The new generator is in place [illegible] can start the conduit runs. [illegible] around June 1.

Harry Watson of the Mountain States Telephone and Telegraph Company was in the park throughout the month getting arrangements for the installation of the new telephone system. The Telephone Company is awaiting approval of the system [illegible] the Federal Communications Commission.

Effective April 21, the Mountain States Telephone and Telegraph Company put into effect [illegible] intra-state rates [illegible] from the park to points in Wyoming.

Lemuel A. Garrison
Superintendent

Monthly Progress Report attached

In triplicate

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MONTHLY PROGRESS REPORT

Area Yellowstone National Park

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☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) April, 1957

F. Y. PRO-GRAM 1	ACCOUNT NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C), (R), OR (A) 9
1957	531.17 Comfort Stations, Fishing Bridge Campground	[illegible]	[illegible]	123,[illegible] 6/10/56	C	11/1957	[illegible]	
1957 1958	531.18 [illegible] System, [illegible]	[illegible]	[illegible]	[illegible] 10/10/56	C	[illegible]	0	
1956	531.19 [illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
1956 1957	150.21 [illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
1957	152.2[illegible] [illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
1957	150.21 [illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
1957	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
1957	5[illegible] [illegible]	[illegible]	[illegible]	11[illegible]		[illegible]	[illegible]	

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1957	532.26 Water and Sewer Systems, Employees' Trailer Court and Government Area, Canyon	-17[illegible]-1	3-17	[illegible],120 8/[illegible]/56	C	8/1/57	17	
1957	532.27 Purchase and Installation of diesel generator, Canyon	-105	2551-[illegible]	[illegible],125.16 11/1/56	C	[illegible]/1957	75	Contractor has moved generator into the park and is in process of installation.
1957	533.3 Campground facilities, Tables, Fireplaces, etc., Fishing Bridge	[illegible]-2	2573 3318	9/21/56 [illegible],077.4[illegible]		[illegible]/1/57	75	
1956	533.4 Campground facilities. Tables, Fireplaces, etc., Canyon	-5-3	2585	20,[illegible].43 [illegible]/56		[illegible]/1957	[illegible]	
1957	533.5 Seeding and Planting, Campground, Fishing Bridge	-37	[illegible]	6,[illegible] [illegible]/1/5[illegible]		11/1/57	50	
1957	533.5 Sprinkling Water Supply, Lake Fishing Bridge	-32-1	[illegible]	14,[illegible].19 [illegible]/56	C	[illegible]/1/57	[illegible]	
1957	533.8 Comfort Station, Canyon	-3[illegible]	[illegible]	500 [illegible]		[illegible]/57	0	
1957	533.[illegible] Campfire Circle, [illegible] and [illegible]	-[illegible]-4 -15-2		17,500 [illegible]/1/5[illegible]		[illegible]/1957	[illegible]	Work has been started on the [illegible] [illegible], [illegible] availability of materials.

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1956	523.1 Roads, Campsites, Barriers; Route 15[illegible], Fishing Bridge Campground. Grade and surface 21[illegible] feet drives and [illegible] feet of [illegible] Loop Road	[illegible]-2[illegible]-1 (par.)	2577	[illegible],000 7/25/55		[illegible] 10/15/57	[illegible]	
1956	523.2 Lake Lodge Area Roads, Route 151; grade and surface [illegible].75 miles	[illegible]-1[illegible]-2 (par.)	25[illegible]	[illegible],165.11 7/25/55	[illegible]	10/15/57	81	
1957	523.4 Trail, Canyon Village to Hotel and Canyon [illegible]	[illegible]-171	[illegible]	25,[illegible]20 [illegible]/56		[illegible]/57	65	
1957	523.5 Signs, Various areas	[illegible]	[illegible]	1[illegible] [illegible]/1/56		[illegible]	70	Signs [illegible] all been fabricated and [illegible] will be placed in the very near future.
1957	523.6 Trail to Lower Falls from North Rim, Canyon	[illegible]	[illegible]	21,[illegible] [illegible]/56		[illegible] 10/15/57	50	
1957	523.7 Grading and drainage of roads, employees' trailer court and Government town, Canyon	[illegible]	[illegible]	11,[illegible] [illegible]/56		[illegible]/1957	[illegible]	
1957	523.[illegible] [illegible]	[illegible]-41 -1[illegible] -2[illegible]	[illegible]	[illegible] [illegible]/57		[illegible] [illegible]	[illegible]	

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MONTHLY PROGRESS REPORT

Area Yellowstone National Park

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REPORT FOR (Month and year) April, 1957

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1955	521.2 Guard Rail Construction			116,000 11/25/55	C	6/1957	95	
1957	521.3 Bituminous Surfacing and Parking Areas, 1-P1, P2, 1-P[illegible] and Norris-Canyon Cutoff, Sec. 12A	[illegible]-30-9 [illegible]-100-1 [illegible]-210		[illegible],515 [illegible]/13/56	C	11/1957	5	
1957	521.[illegible] Interpretive Structures and Striping Center Line and Parking Areas, Roadways 1-P1, P2, 1-P[illegible] and Norris-Canyon Cutoff, 12-A	[illegible] [illegible]-30-9		[illegible] 2/5/57	C	6/3[illegible]	2	

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MONTHLY PROGRESS REPORT

Area Yellowstone National Park

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REPORT FOR (*Month and year*) April, 1957

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	YELLOWSTONE PARK COMPANY							
	Canyon Cabin Office Building					6/30/57	72	Contract
	Canyon Village Cabins, 500 cabin rooms					8/30/57	16	Contract
	Canyon Lodge		[illegible]			7/30/57	61	Contract
	Canyon Dormitories		[illegible]			6/30/57	67	Contract
	HAMILTON STORES, INC.							
	Dormitories, Canyon		[illegible]			6/30/57	78	Contract
	Store, Canyon		[illegible]			6/30/57	90	Contract

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